

MATERIAL SAFETY DATA SHEET

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MSDS # 111812001

OFF! INSECT REPELLENT II

Date Issued: 03Dec2002

Supersedes: 05Jan1999

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (888) 779-7920
International Emergency Phone:
(262) 886-1480

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (888) 779-7920

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
4-Very High	2	Health	2	S.C. Johnson and Son, Limited
3-High	4	Flammability	4	Phone: (800) 725-6737
2-Moderate	0	Reactivity	0	1 Webster Street
1-Slight		Special		Brantford, Ontario N3T 5R1
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... OFF! INSECT REPELLENT II
PRODUCT USE..... Insect repellent

UPC	SCJ CODE	QUANTITY	US SIZE	CANADIAN SIZE
62300 01910	1255	12		170 GM

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Butane (CAS# 106-97-8).....	1-5	800 ppm ACGIH/OSHA TWA
Propane (CAS# 74-98-6).....	1-5	1000 ppm OSHA PEL , 2500 ppm ACGIH TWA
Isobutane (CAS# 75-28-5).....	1-5	NOT ESTABLISHED
N,N-Diethyl-m-toluamide (CAS# 134-62-3).....	10-30	NOT ESTABLISHED
Ethanol (CAS# 64-17-5).....	70-80	1000 ppm ACGIH/OSHA TWA

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Skin contact. Eye contact. Inhalation.

EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Moderate eye irritation.
SKIN..... May cause skin reactions in rare cases.
INHALATION..... None known.
INGESTION..... None known.
MEDICAL CONDITIONS..... None known.

GENERALLY RECOGNIZED
AS BEING AGGRAVATED
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation persists, get medical attention.
SKIN CONTACT..... If reaction occurs, wash skin and seek medical attention.

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SECTION 4 - FIRST AID MEASURES (continued)

INHALATION..... No special requirements.
INGESTION..... Contact nearest poison control center.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)
FLAMMABLE LIMITS..... Not available.
AUTOIGNITION..... Not available.
TEMPERATURE
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.
SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use
PROCEDURES caution when approaching or handling fire-exposed containers.
Fire fighters should wear self-contained breathing apparatus and
protective clothing.
UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of
EXPLOSION HAZARDS fire.

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with
CASE MATERIAL IS oil-dri or similar inert material. Sweep or scrape up and
RELEASED OR SPILLED containerize.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... WARNING: Harmful if swallowed. Avoid contact with eyes and lips.
INFORMATION Do not allow children to rub eyes if hands have been treated .
FLAMMABLE: CONTENTS UNDER PRESSURE. Do not use near open fire,
flames or heat. Do not puncture or incinerate. Do not store at
temperatures above 120 °F (50 °C).
OTHER HANDLING AND.... Keep out of reach of children.
STORAGE CONDITIONS

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.
VENTILATION..... Not applicable.
PROTECTIVE GLOVES..... No special requirements under normal use conditions.
EYE PROTECTION..... No special requirements under normal use conditions.
OTHER PROTECTIVE..... No special requirements.
MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear
PRODUCT STATE..... Dispensed as a spray mist.
ODOR..... Fragrant
pH..... Not applicable.
ODOR THRESHOLD..... Not available.
SOLUBILITY IN WATER.... Appreciable
SPECIFIC GRAVITY..... 0.78
(H2O=1)
VAPOR DENSITY (AIR=1).. Not available.
EVAPORATION RATE (BUTYL Not available.
ACETATE=1)

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... Not available.
FREEZING POINT..... Not available.
COEFFICIENT OF..... Not available.
WATER/OIL
PERCENT VOLATILE BY.... Not available.
VOLUME (%)
VOLATILE ORGANIC..... Not available.
COMPOUND (VOC)
THEORETICAL VOC..... Not available.
(LB/GAL)

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY..... Stable
STABILITY - CONDITIONS. Excessive heat.
TO AVOID
INCOMPATIBILITY..... Avoid contact with: Rubber, Plastic.
HAZARDOUS DECOMPOSITION PRODUCTS
When exposed to fire: Produces normal products of combustion.
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... Not applicable.
POLYMERIZATION -
CONDITIONS TO AVOID

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX).. Not available.
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION. Not available.
TOX)
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

----- SECTION 12 - ECOLOGICAL INFORMATION -----

ENVIRONMENTAL DATA..... Not available.

----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

WASTE DISPOSAL..... If possible, recycle empty aerosol can to nearest steel
INFORMATION recycling center. Use up package or give to someone who can.

----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Not applicable.

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----- SECTION 14 - TRANSPORTATION INFORMATION (continued) -----

CANADIAN SHIPPING NAME. OFF! INSECT REPELLENT II
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Consumer commodity

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 2 Aerosol. PCP NO. 22708
EPA REGISTRATION #..... 4822-380

----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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